

**Evaluation Report
G# 10889, A/N 6824
San Pablo Police Department
13880 San Pablo Avenue
San Pablo, CA 94806**

RHL Design Group on behalf of San Pablo Police Department has submitted this application to construct a new gas station at G10889. Proposed equipment consists of 1-6K gallon underground tanks, for 87 Octane, 2-point phil-tite phase-I, balance phase-II, and 1-Gasboy dispensers with 2 single product gasoline nozzles.

A risk screen performed for this application indicates that 646,350 gallons per year throughput is acceptable under the District's Risk Management Policy. Accordingly, this station will now be conditioned to **646,350 gallons per year** pursuant to condition ID #20320.

The station is within 1000 feet of Helms Middle School and St. Paul Catholic School triggering the public notice requirements of the Water Bill. There are no other schools within ¼ mile of this station.

Before this throughput increase can be approved, a 30-day public comment period will be held. Notice describing the project and announcing the public comment period will be mailed to the parents of students attending the above schools and people living within 1000 feet of the station. The cost of preparing and distributing this notice will be borne by the applicant.

VOC Emission Calculations

Increase:
$$646,350 \text{ gal/yr} \times 1.27 \text{ \#VOC/1000 gal} = 820.86 \text{ \#/yr} = \underline{\underline{2.24 \text{ \#/day}}}$$

Total emissions:
$$646,350 \text{ gal/yr} \times 1.27 \text{ \#VOC/1000 gal} = 820.86 \text{ \#/yr} = \underline{\underline{2.24 \text{ \#/day}}}$$

New Source Review

This station emits less than 10# of VOC in a single day. Per Regulation 2-2-301 BACT is not required.

Emissions from this station will remain less than 15 tpd. Per Regulation 2-2-302, offsets are not required.

TBACT

The increased risk from this project exceeds 1 per million, triggering the use of TBACT equipment. TBACT for GDFs is considered the use of CARB-certified Phase I and Phase II vapor recovery equipment. State law prohibits the District from requiring vapor recovery equipment that is not-CARB certified.

Compliance

This station will be equipped with Two-point Phil-Tite Phase I (E O VR-101-B) and Balance Phase-II (E O G-70-36-AD) vapor recovery equipment. Both systems are CARB certified, satisfying requirements for BACT and TBACT. This equipment also complies with Sections 8-7-301 and 302.

It is recommend that an amended Authority-To-Construct be granted to this station upon completion of the public comment period.

By: Madhav Patil Air Quality Technician

Date: 02/06/03